

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	11	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	2.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	43	MPa	ISO 527
Yield strain	3.3	%	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Charpy notched impact strength, +23°C	17	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	11	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	17	kJ/m ²	ISO 180/1A
Izod notched impact strength	10	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
ASTM Data			
Tensile Modulus	2068	MPa	ASTM D 638
Tensile Strength at Yield	42.3	MPa	ASTM D 638
Elongation at Break	25	%	ASTM D 638
Flexural Modulus	2206	MPa	ASTM D 790
Flexural Strength	64.5	MPa	ASTM D 790
Izod Impact notched, 1/8 in	310	J/m	ASTM D 256
Thermal properties			
ISO Data			
Vicat softening temperature, B	102	°C	ISO 306
Burning behav. at 1.5 mm nom. thckn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	93.6	E-6/K	ASTM D 696
DTUL @ 66 psi	96.1	°C	ASTM D 648
DTUL @ 264 psi	82.8	°C	ASTM D 648
Vicat Temperature	108	°C	ASTM D 1525
Other properties			
Density	1050	kg/m ³	ISO 1183
Density	1040	kg/m ³	ASTM D 792

Characteristics

Features

Color Stability

Regional Availability

North America, Asia Pacific, South and Central America

Applications

Automotive